

Dock t No. 51564 Pag 1 of 4

Declaration and Power of Attorney for Patent Application English Language Declaration

As a below nar	As a below named inventor, I hereby declare that:					
My residence, post office address and citizenship are as stated below next to my name.						
joint inventor (it	he original, first and f plural names are li t on the invention e	sted below) of the subj	ne name is listed below) or ect måtter which is claimed	an original, first and and for which a		
DIRECT PATT	ERNING METHOD		,			
the specificatio	n of which					
(check one)						
[.] [X]	is attached hereto. was filed on <u>Au</u> Application No and was amended	ugust 26, 2003 10/650,119	as United States Application	on No. or PCT		
		and understand the co by any amendment refe	ntents of the above identifi rred to above.	ed specification,		
			atent and Trademark Office itle 37, Code of Federal Re			
365(b) of any for International ap and have also i	oreign application(s) plication which desi dentified below, by o T International app	for patent or inventor's ignated at least one cou checking the box, any f	ed States Code, Section 1 section 1 section 365 certificate, or Section 365 untry other than the United oreign application for pater date before that of the appl	(a) of any PCT States, listed below nt or inventor's		
Prior Foreign A	pplication(s)			Priority Not Claimed		
2001-36501 (Number)		Japan (Country)	14/02/2001 (Day/Month/Year Filed)	_ []		
(Number)		(Country)	(Day/Month/Year Filed)	_ []		
(Number)		(Country)	(Day/Month/Year Filed)	_ []		

listed below:		
60/406,255	08/26/2	2002
(Application Serial No.)	(Filing	
(Application Serial No.)	(Filing I	Date)
(Application Serial No.)	(Filing I	Date)
I hereby claim the benefit under 35 U.S 365(c) of any PCT International applica subject matter of each of the claims of International application in the manner acknowledge the duty to disclose to the to me to be material to patentability as between the filing date of the prior application:	ation designating the United States this application is not disclosed in provided by the first paragraph of the United States Patent and Trader defined in Title 37, C.F.C., Section	s, listed below and, insofar as the the prior United States or PCT 35 U.S.C. Section 112, I mark office all information known of 1.56 which became available
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

connected therewith. (list nam	e and registratio	on number)		doman omos
George W. Neuner Linda M. Buckley Peter J. Manus Peter F. Corless Cara Z. Lowen William J. Daley, Jr. Steven M. Jensen Reg. N Reg. N Reg. N Reg. N Reg. N	lo. 27,026 lo. 26,964 lo. 31,003 lo. 26,766 lo. 33,860 lo. 38,227 lo. 35,487 lo. 42,693 lo. 48,399		Christine C. O'Day Robert L. Buchanan David E. Tucker Lisa Swiszcz Hazzard George W. Hartnell Kathleen Carr Stewart L. Gitler Kathryn A. Piffat	Reg. No. 38,256 Reg. No. 40,927 Reg. No. 27,840 Reg. No. 44,368 Reg. No. 42,639 Reg. No. 41,658 Reg. No. 31,256 Reg. No. 34,901
S. Matthew Cairns John J. Piskorski	Reg. No. 42,3 Reg. No. 35,6		Darryl P. Frickey Jonathan D. Baskin	Reg. No. 34,603 Reg. No. 39,499
Send Correspondence to:	EDW <i>A</i> P.O. E	3ox 9169	NGELL, LLP nusetts 02209, U.S.A.	
Direct Telephone Calls to: (name and telephone number)	Peter Teleph Facsin		(617) 439-4444 (617) 439-4170	
Full name of sole or first inventor				
Masaru SEITA				•
Sole or first inventor's signature				Date:
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3-169-5, Sakae, Inamachi, Kita	adachi-gun, Sait	tama, 362-	0805, Japan	
Citizenship				
Japan				
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Full name of second inventor			•	
Hideki TSUCHIDA				
Second inventor's signature				Date:
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15-26, Minuma-cho, Hasuda-sh	i, Saitama 349-0	0127, Japa	an	
Citizenship	-			
Japan				
Post Office Address			<u>_</u>	

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Masaaki IMANARI	·
Third inventor's signature	Date:
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Citizenship	
Japan	
Post Office Address	
Same As Above	
·	
Full name of sole or fourth inventor	-
Hidemi NAWAFUNE	
Fourth inventor's signature	Date:
	12/1 / 1 / 2
Acdegn Nawofune	13/Dec./2003
Residence /	,
38-34, Makami-cho 5-chome, Takatsuki-shi, Osaka 569-1121, Japan	
Citizenship	
lanan	
Japan Post Office Address	
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•	
Full name of fifth inventor	
Maiahi MOMOCIDA	
Koichi YOMOGIDA Fifth inventor's signature	Date:
·	Date.
Residence	
c/o Owada Dormitory, 1-350-10, Owada-cho, 1-chome, Saitama-shi, Saitama 330-	.0023 Japan
Citizenship	oozo, oupuii
Japan Service Address	
Post Office Address	
Same As Ahove	

Declaration and Power of Attorney for Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

joint inventor (i		ted below) of the sul	one name is listed below) or oject matter which is claimed	
DIRECT PATT	ERNING METHOD			
the specification	n of which			
(check one)				
[.] [x]	is attached hereto. was filed onAug Application No and was amended of	10/650,119	_ as United States Applicatio	on No. or PCT
	and was amended t	(if appl	icable)	
	hat I have reviewed a laims, as amended by		contents of the above identifi ferred to above.	ed specification,
			Patent and Trademark Office Title 37, Code of Federal Re	
365(b) of any for International are and have also	oreign application(s) for polication which design identified below, by clot International applications.	for patent or invento nated at least one one checking the box, an	nited States Code, Section 11 r's certificate, or Section 365 country other than the United of foreign application for pater g date before that of the application for pater that of the application for pater of the application for pater of the application for pater of the application for the application fo	(a) of any PCT States, listed below nt or inventor's
Prior Foreign A	application(s)			Priority Not Claimed
2001-36501 (Number)	<u> </u>	Japan (Country)	14/02/2001 (Day/Month/Year Filed)	_ []
(Number)	·	(Country)	(Day/Month/Year Filed)	_ []
(Number)		(Country)	(Day/Month/Year Filed)	_ []

I hereby claim the benefit under 35 U.S. listed below:	C. Section 119(e) of any United	I States provisional application(s)
60/406,255	08/26	/2002
(Application Serial No.)	(Filing	Date)
(Application Serial No.)	(Filing	Date)
(Application Serial No.)	(Filing	Date)
I hereby claim the benefit under 35 U.S. 365(c) of any PCT International application subject matter of each of the claims of the International application in the manner packnowledge the duty to disclose to the to me to be material to patentability as disclose the filing date of the prior application:	on designating the United State his application is not disclosed in rovided by the first paragraph of United States Patent and Trade efined in Title 37, C.F.C., Section	es, listed below and, insofar as the n the prior United States or PCT of 35 U.S.C. Section 112, I emark office all information known on 1.56 which became available
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

connected therewith.	(list name i	and registration	numbei	7)	
David G. Conlin George W. Neuner Linda M. Buckley Peter J. Manus Peter F. Corless Cara Z. Lowen William J. Daley, Jr. Steven M. Jensen John B. Alexander	Reg. No Reg. No Reg. No Reg. No Reg. No Reg. No Reg. No	26,964 31,003 26,766 33,860 38,227 35,487 42,693		Christine C. O'Day Robert L. Buchanan David E. Tucker Lisa Swiszcz Hazzard George W. Hartnell Kathleen Carr Stewart L. Gitler Kathryn A. Piffat	Reg. No. 38,256 Reg. No. 40,927 Reg. No. 27,840 Reg. No. 44,368 Reg. No. 42,639 Reg. No. 41,658 Reg. No. 31,256 Reg. No. 34,901
S. Matthew John J. Pisk		Reg. No. 42,37 Reg. No. 35,64		Darryl P. Frickey Jonathan D. Baskin	Reg. No. 34,603 Reg. No. 39,499
Send Correspondence	to:	P.O. Bo	RDS & A x 9169	s NGELL, LLP chusetts 02209, U.S.A.	
Direct Telephone Calls (name and telephone in		Peter F. Telepho Facsimil	ne:	s (617) 439-4444 (617) 439-4170	
Full name of sole or first	inventor				
Masaru SEITA					•
Sole or first inventor's sig	nature	•		•	Date:
	M	. Lev	a		Dec. 14,03
Residence					
3-169-5, Sakae, Inama	achi, Kitaac	lachi-gun, Saita	ma, 362	2-0805, Japan	
Citizenship	·				
Japan					
Post Office Address					
Same As Above					
Full name of second inve	entor				
Hideki TSUCHIDA					
Second inventor's signate	ure				Date:
Residence					<u> </u>
15-26, Minuma-cho, H	asuda-shi	Saitama 349-01	127 .lar	nan	
Citizenship	adda on,	Canana O40-0	· _ r , oap	7 40.1 7	·
Japan					
Post Office Address					

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Full name of third inventor	
Masaaki IMANARI	
Third inventor's signature	Date:
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1447 0 Kaha Misata shi Saitama 244 0006 Janan	
1417-9, Kobo, Misato-shi, Saitama 341-0026, Japan Citizenship	
Japan Post Office Address	
Post Office Address	
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Full name of sole or fourth inventor	
Hidemi NAWAFUNE	
Fourth inventor's signature	Date:
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38-34, Makami-cho 5-chome, Takatsuki-shi, Osaka 569-1121, Japan	
Citizenship	
Japan	
Post Office Address	
Same As Above	
Full name of fifth inventor	
LK - L - VOMO DIPA	
Koichi YOMOGIDA Fifth inventor's signature	Date:
That inventer a digital are	Date.
Decidence	
Residence	
c/o Owada Dormitory, 1-350-10, Owada-cho, 1-chome, Saitama-shi, Saitama 330-	0023, Japan
Citizenship	
Japan	
Post Office Address	
Samo As Abovo	

Declaration and Power of Attorney for Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

DIRECT PATTERNING METHOD

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DIIILOTTA	TETHING METHOD	
the specificati	on of which	
(check one)		
[X]	is attached hereto. was filed onAugust 26, 2003 Application No10/650,119 and was amended on	as United States Application No. or PCT
		olicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Not Claimed
2001-36501 (Number)	Japan (Country)	14/02/2001 (Day/Month/Year Filed)	_ []
(Number)	(Country)	(Day/Month/Year Filed)	_ []
(Number)	(Country)	(Day/Month/Year Filed)	_ []

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below: 60/406,255 08/26/2002 (Application Serial No.) (Filing Date) (Application Serial No.) (Filing Date) (Application Serial No.) (Filing Date) I hereby claim the benefit under 35 U.S.C. Section 120 of the United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark office all information known to me to be material to patentability as defined in Title 37, C.F.C., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application: (Filing Date) (Status) (Application Serial No.) (patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned) (Filing Date) (Application Serial No.) (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

connected therewith. (li	ist name ar	nd regis	tration numbe	er)	
David G. Conlin George W. Neuner Linda M. Buckley Peter J. Manus Peter F. Corless Cara Z. Lowen William J. Daley, Jr. Steven M. Jensen John B. Alexander	Reg. No. 2 Reg. No. 3 Reg. No. 3 Reg. No. 3 Reg. No. 3 Reg. No. 4 Reg. No. 4	26,964 31,003 26,766 33,860 38,227 35,487 42,693		Christine C. O'Day Robert L. Buchanan David E. Tucker Lisa Swiszcz Hazzard George W. Hartnell Kathleen Carr Stewart L. Gitler Kathryn A. Piffat	Reg. No. 38,256 Reg. No. 40,927 Reg. No. 27,840 Reg. No. 44,368 Reg. No. 42,639 Reg. No. 41,658 Reg. No. 31,256 Reg. No. 34,901
S. Matthew C John J. Pisko			o. 42,378 o. 35,647	Darryl P. Frickey Jonathan D. Baskin	Reg. No. 34,603 Reg. No. 39,499
Send Correspondence to:		E	P.O. Box 9169	ANGELL, LLP	
Direct Telephone Calls (name and telephone no		7	Peter F. Corles Felephone: Facsimile:	ss (61 <u>7)</u> 439-4444 (617) 439-4170	
Full name of sole or first in	ventor				
Masaru SEITA					
Sole or first inventor's sign	nature				Date:
Residence					
3-169-5, Sakae, Inama	chi, Kitaada	achi-gu	n, Saitama, 36	62-0805, Japan	
Citizenship				•	
Japan					
Post Office Address					
Same As Above					
Full name of second inve	ntor				
Hideki TSUCHIDA					
Second inventor's signatu					Date:
Hideki JA	uchid	1 a			12/09/2003
Residence	-				
15-26, Minuma-cho, Ha	suda-shi, S	Saitama	a 349-0127, Ja	apan	
Japan					
Post Office Address					

Same As Above

Full name of third inventor	
 Masaaki IMANARI	
Third inventor's signature	Date:
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Japan	-
Post Office Address	
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Full name of sole or fourth inventor	
Hidemi NAWAFUNE	T B-4
Fourth inventor's signature	Date:
Residence	
38-34, Makami-cho 5-chome, Takatsuki-shi, Osaka 569-1121, Japan	
Citizenship	
·	
Japan Office Address	
Post Office Address	
Same As Above	
Full name of fifth inventor	
Koichi YOMOGIDA Fifth inventor's signature	Date:
Hoichi Yomogida	12/09/2003
Residence	
c/o Owada Dormitory, 1-350-10, Owada-cho, 1-chome, Saitama-shi, Saitama 330-	-0023 .lanan
Citizenship	oozo, oapan
Japan	
Post Office Address	
Same As Above	